



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

RECEIVED

BY *80* DATE *3/23/07*

MEMORANDUM

Date: March 19, 2007

Subject: Contract Laboratory Program Data Review

From: *Marvelyn Humphrey*
Marvelyn Humphrey, ESAT Regional PO, 6MD-HE

To: G. Baumgarten, 6SF-RA

Site : JONES ROAD GROUND WATER PLUME

Case#: 36143

SDG# : F2DH0

The EPA Region 6 Houston Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative.

If you have any questions regarding the data review report, please call me at (281) 983-2140.



824793

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: March 15, 2007
TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA
FROM: Ying-Ping Hsieh, Data Reviewer, ESAT *YH*
THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT *DGJ*
SUBJECT: CLP Data Review

Contract No.: EP-W-06-030
TO No.: 002
Task/Sub-Task: 2-11
ESAT Doc. No.: 6002-211-0228
TDF No.: 6-06-279A
ESAT File No.: O-0149

Attached is the data review summary for Case # 36143
SDG # F2DH0
Site Jones Road Ground Water Plume

COMMENTS:

I. LEVEL OF DATA REVIEW

Standard data review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS and hardcopy review did not find any contractually noncompliant item that caused data qualification.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed was 52 for this data package. Some results were qualified because of minor technical problems.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099
ORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	36143	SITE	Jones Road Ground Water Plume
LABORATORY	SHEALY	NO. OF SAMPLES	1
CONTRACT#	EP-W-05-031	MATRIX	Water
SDG#	F2DH0	REVIEWER (IF NOT ESB)	ESAT
SOW#	SOM01.1	REVIEWER'S NAME	Ying-Ping Hsieh
SF#	302DD2CNK	COMPLETION DATE	March 15, 2007

SAMPLE NO.	F2DH0				

DATA ASSESSMENT SUMMARY

TVOA

1. HOLDING TIMES	O
2. GC/MS TUNE/INSTR. PERFORM.	O
3. CALIBRATIONS	M
4. BLANKS	O
5. DMC/SURROGATES	O
6. MATRIX SPIKE/DUPLICATE/LCS	N/A
7. OTHER QC	O
8. INTERNAL STANDARDS	O
9. COMPOUND ID/QUANTITATION	O
10. PERFORMANCE/COMPLETENESS	O
11. OVERALL ASSESSMENT	M

O = Data had no problems.

M = Data qualified because of major or minor problems.

Z = Data unacceptable.

NA = Not applicable.

ACTION ITEMS:

AREA OF CONCERN: Contractual Issues The percent relative abundance for mass 176/174 did not meet the QC criteria for BFB23. The method blank had unacceptable TIC contamination. Technical Issues The 1,4-dioxane did not meet the technical minimum RRF calibration criteria. Bromoform failed the technical %D calibration criteria.

NOTABLE PERFORMANCE: The data package arrived 2 calendar days early for the 21-day turnaround requirement.

**COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW**

CASE 36143 SDG F2DH0 SITE Jones Road Ground Water Plume LAB SHEALY

COMMENTS: This SDG consisted of one water sample for TVOA analysis following SOW SOM01.1. The MS/MSD analyses were not requested for this SDG. Trip blank sample F2DF8 (SDG F2CM5) and field blank samples F2DG2 (SDG F2CR1) and F2DG3 (SDG F2CM5) were associated with the sample of this SDG. The Region 6 RSCC verified that sample F2DH0 was the field duplicate of sample F2CM5 in SDG F2CM5.

Standard data review was performed for this package as requested by the Region. The target compounds of concern with the user's desired detection limits in parentheses are vinyl chloride (2 µg/L), cis/trans-1,2-dichloroethenes (7 µg/L), and tetrachloroethene (5 µg/L). The sample met the user's desired detection limit criteria and did not contain any target compound.

Two results were qualified for the sample because of calibration problems. ESAT's final data qualifiers in the Data Summary Table (DST) indicate the technical usability of all reported results. An Evidence Audit was conducted for the Complete Sample Delivery Group File (CSF), and the audit results were reported on the Evidence Inventory Checklist.

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.
Provisional = Some results were qualified because of problems associated with this QC parameter.
Unusable = All results are unusable because of major problems associated with this QC parameter.

1. Holding Times: Acceptable. The sample was preserved with acid and met the contractual and technical holding time criteria.

NOTE: Polymerization of vinyl chloride and styrene is likely to occur in acid-preserved samples and could cause low biased results for these analytes.

2. Tuning/Performance: Acceptable. The percent relative abundance (94.6) for mass 176/174 did not meet the QC criteria (95.0 - 101%) for BFB23. In the reviewer's opinion, data qualification was unnecessary because it was only marginally below the QC limit. The other BFB analysis met GC/MS tuning criteria.

3. Calibrations: Provisional. All calibrations met contractual criteria. Bromoform failed the technical %D calibration criteria

**ORGANIC QA REVIEW
CONTINUATION PAGE**

CASE 36143 SDG F2DH0 SITE Jones Road Ground Water Plume LAB SHEALY

for opening CCV VSTD005A3. Therefore, the reviewer qualified as estimated the bromoform result for sample F2DH0. The 1,4-dioxane did not meet the technical minimum RRF criteria for all calibrations. The initial calibration data demonstrated the instrument sensitivity at the reported CRQL for 1,4-dioxane, but a significant drop of the instrument response for this analyte in the associated closing CCV raised a concern over the accuracy of the reported CRQL. Therefore, the reviewer qualified the 1,4-dioxane QL as estimated for sample F2DH0.

4. Blanks: Acceptable. The late eluting TIC's had concentrations exceeding the contract-allowed limit in the blanks. This TIC contamination did not affect the target compound data usability. The method and storage blanks were otherwise contractually acceptable. Acetone, chloromethane, chloroform, and/or 2-butanone were detected at concentrations below the CRQL's in the blanks. The laboratory "B"-flagged chloromethane result below the CRQL for sample F2DH0 should be considered undetected and was "U"-flagged at the CRQL on the DST because of possible laboratory contamination.

Trip/Field Blanks: The field QC samples associated with sample F2DH0 were free from target compound contamination.

5. Deuterated Monitoring Compounds (DMC's)/Surrogates: Acceptable. All DMC recoveries were within the QC limits.

6. Matrix Spike/Matrix Spike Duplicate/Laboratory Control Sample (MS/MSD/LCS): Not Applicable.

7. Other QC:

Field Duplicates: Acceptable. The field duplicate results were consistent.

8. Internal Standards (IS): Acceptable. IS performance was acceptable for all analyses.

9. Compound Identity (ID)/Quantitation: Acceptable. No target compound was detected at a concentration above the CRQL in the sample. Acetone, chloromethane, chloroform, and/or 2-butanone were detected at concentrations below the CRQL's in the sample and blanks. No compound ID or quantitation problem was detected.

10. Performance/Completeness: Acceptable. The data package was complete. The laboratory was contacted for a contractual issue (see Resubmission Request). The DST included in this report is the final version.

11. Overall Assessment: Two results were qualified for the sample because of calibration problems.

ORGANIC ACRONYMS

%D	Percent Difference
%RSD	Percent Relative Standard Deviation
ARO	Aroclors
BFB	4-Bromofluorobenzene
BNA	Base/Neutral and Acid
CADRE	Computer-Aided Data Review and Evaluation
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CF	Calibration Factor
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DCB	Decachlorobiphenyl
DFTFP	Decafluorotriphenylphosphine
DMC	Deuterated Monitoring Compound
DST	Data Summary Table
GC/ECD	Gas Chromatograph/Electron Capture Detector
GC/MS	Gas Chromatograph/Mass Spectrometer
GPC	Gel Permeation Chromatography
IC	Initial Calibration
INDA(B,C)	Individual Standard Mixture A(or B or C)
IS	Internal Standard
LCS	Laboratory Control Sample
LMVOA	Low/Medium Volatile Organic Analysis
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFG	National Functional Guidelines
OTR/COC	Organic Traffic Report/Chain of Custody
PAH	Polynuclear Aromatic Hydrocarbon
PE	Performance Evaluation
PEM	Performance Evaluation Mixture
PEST	Pesticides
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RIC	Reconstructed Ion Chromatogram
RPD	Relative Percent Difference
RRF	Relative Response Factor
RRT	Relative Retention Time
RSCC	Regional Sample Control Center
RT	Retention Time
SDG	Sample Delivery Group
SDMC	Semivolatile Deuterated Monitoring Compound
SIM	Selected Ion Monitoring
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
SVOA	Semivolatile Organic Analysis
TCL	Target Compound List
TCX	Tetrachloro-m-xylene
TIC	Tentatively Identified Compound
TVOA	Trace Volatile Organic Analysis
VDMC	Volatile Deuterated Monitoring Compound
VOA	Volatile Organic Analysis

HEADER DEFINITIONS FOR ORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Organic Data Validation Qualifier (see Organic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, VALDQAL, and ADJCRQL. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

ORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

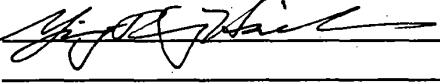
- U** Not detected at reported quantitation limit.
- N** Identification is tentative.
- J** Estimated value.
- L** Reported concentration is below the CRQL.
- M** Reported concentration should be used as a raised quantitation limit because of interferences and/or laboratory contamination.
- R** Unusable.
- ^** High biased. Actual concentration may be lower than the concentration reported.
- v** Low biased. Actual concentration may be higher than the concentration reported.
- F+** A false positive exists.
- F-** A false negative exists.
- UJ** Estimated quantitation limit.
- T** Identification is questionable because of absence of other commonly coexisting pesticides.
- C** Identification of pesticide or aroclor has been confirmed by Gas Chromatography/Mass Spectrometer (GC/MS).
- X** Identification of pesticide or aroclor could not be confirmed by GC/MS when attempted.
- *** Result not recommended for use because of associated QA/QC performance inferior to that from other analysis.

CASE	SDG	EPASAMP	LABID	MATRIX	ANDATE	ANTIME	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	STATLOC
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-71-8	Dichlorodifluoromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	74-87-3	Chloromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	74-83-9	Bromomethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-00-3	Chloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-69-4	Trichlorofluoromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-35-4	1,1-Dichloroethene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	67-64-1	Acetone	5.0	U	ug/L	5.0	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-15-0	Carbon disulfide	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	79-20-9	Methyl acetate	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-09-2	Methylene chloride	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	1634-04-4	Methyl tert-butyl ether	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	78-93-3	2-Butanone	5.0	U	ug/L	5.0	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	67-66-3	Chloroform	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	110-82-7	Cyclohexane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	56-23-5	Carbon tetrachloride	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	71-43-2	Benzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	123-91-1	1,4-Dioxane	20	UJ	ug/L	20	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	79-01-6	Trichloroethene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	108-10-1	4-Methyl-2-pentanone	5.0	U	ug/L	5.0	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	108-88-3	Toluene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	127-18-4	Tetrachloroethene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	591-78-6	2-Hexanone	5.0	U	ug/L	5.0	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	106-93-4	1,2-Dibromoethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	100-41-4	Ethylbenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	95-47-6	o-Xylene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	179601-23-1	m,p-Xylene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	100-42-5	Styrene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	75-25-2	Bromoform	0.50	UJ	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	96-12-8	1,2-Dibromo-3-chloropropane	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A
36143	F2DHO	F2DHO	IB14047-001	W	02/23/2007	15:54:00	87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	02/13/2007	AD11603A

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. 36143 SDG No. F2DH0 SDG Nos. To Follow _____ SAS No. _____ Date Rec'd 3/5/07

EPA Lab ID: <u>SHEALY</u>	ORIGINALS	YES	NO	N/A
Lab Location: <u>West Columbia, SC</u>	CUSTODY SEALS			
Region: <u>6</u> Audit No.: <u>36143/F2DH0</u>	1. Present on package?	X		
Re_Submitted CSF? Yes _____ No <u>X</u>	2. Intact upon receipt?	X		
Box No(s): <u>1</u>	FORM DC-2			
COMMENTS:	3. Numbering scheme accurate?		X	
<u>Item</u> <u>Description</u>	4. Are enclosed documents listed?	X		
3. The auditor corrected some page numbering errors on Form DC-2.	5. Are listed documents enclosed?	X		
	FORM DC-1			
	6. Present?	X		
	7. Complete?	X		
	8. Accurate?	X		
	CHAIN-OF-CUSTODY RECORD(s)			
	9. Signed?	X		
	10. Dated?	X		
	TRAFFIC REPORT(s) PACKING LIST(s)			
	11. Signed?	X		
	12. Dated?	X		
	AIRBILLS/AIRBILL STICKER			
	13. Present?	X		
	14. Signed?	X		
	15. Dated?	X		
	SAMPLE TAGS			
	16. Does DC-1 list tags as being included?	X		
	17. Present?	X		
	OTHER DOCUMENTS			
	18. Complete?	X		
	19. Legible?	X		
	20. Original?		X	
Over for additional comments.	20a. If "NO", does the copy indicate where original documents are located?	X		

Audited by: 
 Audited by: _____
 Audited by: _____

Signature

Ying-Ping Hsieh / ESAT Data Reviewer

Printed Name/Title

Date 3/14/2007

Date _____

Date _____

DC-2__

In Reference To Case No(s):
36143 SDG: F2DH0 (O-0149)

**Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM**

Resubmission Request

Laboratory Name: SHEALY
Lab Contact: Robert Zhu
Region: 6
Regional Contact: Mahmoud El-Feky - EPA
ESAT Reviewer: Ying-Ping Hsieh - ESAT

In reference to data for the fraction(s):

TVOA

Summary of Questions/Issues:

Form 5 (p. 8): The percent relative abundance (94.6) for mass 176/174 did not meet the QC criteria (95.0 - 101%) for BFB23 (2/23/07, 9:58). Please comment on this contractual issue.

NOTE: Any laboratory resubmission should be submitted either as an addendum to the original CSF with a revised Form DC-2 or submitted as a new CSF with a new Form DC-2 except for replacement pages (SOM01.1, p. B-33, sec. 2.6.3). Custody seals are required for all such shipments.

Please respond to the above items **within 7 days** by e-mail to El-Feky.Mahmoud@epamail.epa.gov and by regular mail to:

Mr. Mahmoud El-Feky
U.S. EPA Region 6 Laboratory
10625 Fallstone Road
Houston, TX 77099

If you have any questions, please contact Mr. El-Feky at (281) 983-2128.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36143

DAS No:

R

Region: 6	Date Shipped: 2/13/2007	Chain of Custody Record	Sampler Signature:
Project Code: 123739	Carrier Name: UPS	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:	Airbill: 1Z66V0692210006146	1 <i>Heather Bauer</i> 2/13/07 1700	
CERCLIS ID:	Shipped to: Shealy Environmental	2	
Spill ID:	106 Vantage Point Drive	3	
Site Name/State: JONES RD GW PLUME FEDERAL SUPEF	West Columbia SC 29172	4	
Project Leader: Jennifer Dart	(803) 791-9700		
Action:			
Sampling Co: Shaw Environmental, Inc.			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	QC Type
F2DG9	Ground Water	/G	TVOA (21)	330745 (HCL), 330746 (HCL), 330747 (HCL) (3)	BL10819a	S: 2/13/2007 9:00		Field Duplicate
F2DH0	Ground Water	/G	TVOA (21)	325748 (HCL), 325749 (HCL), 363299 (HCL) (3)	AD11603A	S: 2/13/2007 11:12		Field Duplicate

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Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: F2CS2	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: TVOA = SOM01.1	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-043013577-021307-0020

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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